

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/567,788 (Natl. Phase of PCT/EP2004/008668)
		Intl. Filing Date	August 2, 2004
		First Named Inventor	FISCHER, Reinhold
		Art Unit	1616
		Examiner Name	To Be Assigned
Sheet	1 of 3	Attorney Docket Number	2400.0210000/JMC/CN

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Y/CJ	US1	3,542,809	11/24/1970	Nakanishi, Susumu	
	US2	3,989,503	11/02/1976	Pallos <i>et al.</i>	
	US3	4,021,224	05/03/1977	Pallos <i>et al.</i>	
	US4	4,623,727	11/18/1986	Hubele	
	US5	4,639,266	01/27/1987	Heubach <i>et al.</i>	
	US6	4,881,966	11/21/1989	Nyffeler <i>et al.</i>	
	US7	4,891,057	01/02/1990	Sohn <i>et al.</i>	
	US8	4,902,340	02/20/1990	Hubele	

FOREIGN PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Y/CJ	FP1	DE 1 945 703	07/02/1970	Chas. Pfizer & Co. Inc.	T <sup>6</sup>
	FP2	DE 2 218 097	11/02/1972	Stauffer Chemical Co.	
	FP3	DE 2 350 547	04/25/1974	Stauffer Chemical Co.	
	FP4	EP 0 086 750 A2	08/24/1983	Ciba-Geigy AG	
	FP5	EP 0 094 349 A2	11/16/1983	Ciba-Geigy AG	
	FP6	EP 0 174 562 A2	03/19/1986	Hoechst Aktiengesellschaft	
	FP7	EP 0 191 736 A2	08/20/1986	Ciba-Geigy AG	
	FP8	EP 0 269 806 A1	06/08/1988	Hoechst Aktiengesellschaft	
	FP9	EP 0 333 131 A1	09/20/1989	Hoechst Aktiengesellschaft	
	FP10	EP 0 346 620 A1	12/20/1989	Hoechst Aktiengesellschaft	Abs
	FP11	WO 91/07874 A1	06/13/1991	Hoechst Aktiengesellschaft	Abs
	FP12	WO 91/08202 A1	06/13/1991	Hoechst Aktiengesellschaft	Abs
	FP13	EP 0 492 366 A2	07/01/1992	Hoechst Aktiengesellschaft	
	FP14	WO 92/16510 A1	10/01/1992	Ciba-Geigy AG	
	FP15	EP 0 508 126 A1	10/14/1992	Bayer AG	
	FP16	EP 0 528 156 A1	02/24/1993	Bayer AG	
	FP17	EP 0 582 198 A2	02/09/1994	Hoechst Aktiengesellschaft	
	FP18	EP 0 613 618 A1	09/07/1994	American Cyanamid Co.	
	FP19	WO 94/29268 A1	12/22/1994	Bayer Aktiengesellschaft	Abs
	FP20	WO 95/07897 A1	03/23/1995	Hoechst Schering AgrEvo GmbH	Abs

Examiner Signature	/Yong Chu/	Date Considered	01/24/2009
--------------------	------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 904. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is required by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				Application Number	10/567,788 (Natl. Phase of PCT/EP2004/008638)
				Intl. Filing Date	August 2, 2004
				First Named Inventor	FISCHER, Reiner
				Art Unit	1616
				Examiner Name	To Be Assigned
Sheet	2	of	3	Attorney Docket Number	2400.0210000/JMC/CMB

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/Y.C./	US9	5,262,383	11/16/1993	Fischer <i>et al.</i>	
	US10	5,332,720	07/26/1994	Kruger <i>et al.</i>	
	US11	5,380,852	01/10/1995	Schutze <i>et al.</i>	
	US12	5,401,700	03/28/1995	Sohn <i>et al.</i>	
	US13	5,739,079	04/14/1998	Holdgrun <i>et al.</i>	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
/Y.C./	FP21	WO 96/21652 A1	07/18/1996	Ciba-Geigy AG		
	FP22	WO 96/35664 A1	11/14/1996	Bayer Aktiengesellschaft		Abs
		WO 96/36229 A1	11/21/1996	E.I. Du Pont De Nemours and Company		
	FP23	WO 96/36615 A1	11/21/1996	E.I. Du Pont De Nemours and Company		
		WO 96/36616 A1	11/21/1996	E.I. Du Pont De Nemours and Company		
	FP25	WO 96/36633 A1	11/21/1996	E.I. Du Pont De Nemours and Company		
		WO 96/36633 A1	11/21/1996	E.I. Du Pont De Nemours and Company		
	FP26	WO 96/37494 A1	11/28/1996	Zeneca Limited		
	FP28	WO 97/01535 A1	01/16/1997	Bayer Aktiengesellschaft		Abs
	FP29	WO 97/02243 A1	01/23/1997	Bayer Aktiengesellschaft		Abs
	FP30	WO 97/36868 A1	10/09/1997	Bayer Aktiengesellschaft		Abs
		DE 196 21 522 A1	12/04/1997	Hoechst Schering AgrEvo GmbH		
	FP32	WO 98/05638 A2	02/12/1998	Bayer Aktiengesellschaft		Abs
	FP33	WO 98/25923 A1	06/18/1998	Zeneca Limited		
	FP34	WO 99/43649 A1	09/02/1999	Bayer Aktiengesellschaft		Abs
		WO 99/47525 A1	09/23/1999	Novartis AG; Novartis- Erfindungen Verwaltungsgesellschaft mbH		
	FP35					

Examiner Signature	/Yong Chu/	Date Considered	01/24/2009
--------------------	------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \* See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \* Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 C.F.R. 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Equivalent of Form PTO/SB06A (07-06)  
Approved for use through 08/30/2006. OMB 0551-0011  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				Application Number	10/567,788 (Natl. Phase of PCT/EP2004/008638)
				Intl. Filing Date	August 2, 2004
				First Named Inventor	FISCHER, Reiner
				Art Unit	1616
				Examiner Name	To Be Assigned
Sheet	3	of	3	Attorney Docket Number	2400.0210000/JMC/CMB

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/Y.C./	US14	6,235,680 B1	05/22/2001	Ziemer et al.	
/Y.C./	US15	6,251,827 B1	06/26/2001	Ziemer et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>2</sup> (if known)				
/Y.C./	FP36	WO 99/48869 A1	09/30/1999	Bayer Aktiengesellschaft		ISR
	FP37	WO 99/55673 A1	11/04/1999	Bayer Aktiengesellschaft		Abs
	FP38	WO 99/66795 A1	12/29/1999	Hoechst Schering AgrEvo GmbH		Abs
	FP39	WO 01/17351 A1	03/15/2001	Syngenta Participations AG		
	FP40	WO 01/17352 A1	03/15/2001	Syngenta Participations AG		Abs
	FP41	WO 01/17353 A1	03/15/2001	Syngenta Participations AG		
	FP42	WO 01/17972 A2	03/15/2001	Syngenta Participations AG		Abs
	FP43	WO 01/17973 A2	03/15/2001	Syngenta Participations AG		ISR
	FP44	WO 03/028446 A2	04/10/2003	Evotec AG		
	FP45	WO 03/045957 A1	06/05/2003	Bayer Cropscience Aktiengesellschaft		ISR
/Y.C./	FP46	WO 03/062244 A1	07/31/2003	Syngenta Participations AG		

590125v1

Examiner Signature	/Yong Chu/	Date Considered	01/24/2009
-----------------------	------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \* See Kinde Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \* Applicant is to place a check mark here if English language Translation is attached.

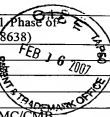
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (07-06)

Approved for use through 09/30/2006. OMB 0651-0031  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		<b>Complete if Known</b> Application Number 10/567,788 (Natl. Phase of PCT/EP2004/008638) Intl. Filing Date August 2, 2004 First Named Inventor FISCHER, Reinhold Art Unit 1616 Examiner Name To Be Assigned Attorney Docket Number 2400.0210000/JMC/CMB	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)			
Sheet	1	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
Y.C.J.	NPL1	Askani, R., "Reaction of 1,3-cyclohexadiene with azodicarboxylic acid diethyl ester," <i>Chem. Berichte</i> 98:2551-2555, Verlag Chemie (1965)	Abs
	NPL2	STNEasy Database, Accession No. 1965:463065, English language abstract for Askani, R., "Reaction of 1,3-cyclohexadiene with azodicarboxylic acid diethyl ester," <i>Chem. Berichte</i> 98:2551-2555, Verlag Chemie (1965)	
	NPL3	Dannenberg, H. and Dannenberg-Von Dresler, D., "Synthesis of steranthrenes. III. 3,4-Aceperinaphthene and 6,7-aceperinaphthene," <i>Ann. Chem.</i> 585:1-15, Weinheim Verlag Chemie (1954)	Abs
	NPL4	STNEasy Database, Accession No. 1955:56638, English language abstract for Dannenberg, H. and Dannenberg-Von Dresler, D., "Synthesis of steranthrenes. III. 3,4-Aceperinaphthene and 6,7-aceperinaphthene," <i>Ann. Chem.</i> 585:1-15, Weinheim Verlag Chemie (1954)	
	NPL5	Diels, O., <i>et al.</i> , "The endo-methylenepiperidazine resulting from cyclopentadiene and azo ester and its transformation diaminocyclopentane," <i>Ann. Chem.</i> 443:242-262, (1925)	Abs
	NPL6	STNEasy Database, Accession No. 1925:19216, English language abstract for Diels, O., <i>et al.</i> , "The endo-methylenepiperidazine resulting from cyclopentadiene and azo ester and its transformation diaminocyclopentane," <i>Ann. Chem.</i> 443:242-262, (1925)	
	NPL7	Sonntag, N.O.V., "The Reactions of Aliphatic Acid Chlorides," <i>Chem. Rev.</i> 52: 237-416, American Chemical Reviews (1953)	
	NPL8	Beilstein Database, Beilstein Registry No. 4957401, "ethyl 2-propylcarbazate," (entry date 1992)	
	NPL9	Beilstein Database, Beilstein Registry No. 4968273, "ethyl 2,3-propylcarbazate," (entry date 1992)	
Y.C.J.	NPL10	International Search Report for International Patent Application No. PCT/EP2004/008638, mailed February 7, 2005, European Patent Office, The Netherlands	

Examiner Signature	/Yong Chu/	Date Considered	01/24/2009
--------------------	------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet	2	of	2
-------	---	----	---

[illegible]

590362v2

<b>Examiner Signature</b>	/Yong Chu/	<b>Date Considered</b>	01/24/2009
---------------------------	------------	------------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* Applicant's unique citation designation number (optional). \* Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any information that you provide on this form, including your name, address, and telephone number, will be made available to the public. If you are an inventor, you should be aware that you may be named as an inventor in a patent issued by the USPTO. If you are an attorney, agent, or representative, you should be aware that you may be named as such in a patent issued by the USPTO. If you are an officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22314-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22314-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**